

Amendments to the Claims

1. *(Currently Amended)* A power converter, comprising:
 an input circuit having a single diode rectifier ~~(D)~~; and
 a switched mode power supply IC ~~(SMPS)~~.

2. *(Currently Amended)* A power converter as claimed in claim 1, wherein the
input circuit further comprises a filter ~~(R_{inrush}, C_{diff}, L_{diff}, C_{in})~~ having a non-
electrolytic capacitor ~~(C_{diff})~~.

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